

IN THE UNITED STATES PATENT & TRADEMARK OFFICE  
BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

Applicant: Charles C. Freeny

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Title: Automated Data Delivery Systems

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**APPEAL BRIEF**

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Respectfully submitted,



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**I. Real Party in Interest**

The real party in interest is Automated Business Companies.

**II. Related Appeals and Interferences**

None.

**III. Status of Claims**

Pending claims 1-115 and 139-207 have been rejected. Claims 116-138 and 208-230 have been cancelled without prejudice to refiling.

**IV. Status of Amendments**

No amendments have been filed subsequent to the Examiner's final rejection.

**V. Summary of Claimed Subject Matter**

Independent claim 1 discloses a method for repeatedly delivering data to a users computer (15) (*see* Specification p. 9, lines 5-6) having at least two databases (680 and/or 780) (*see* Specification p. 9, lines 7-12; p. 29 lines 25-26 through p. 30, lines 1-10; p. 37, lines 16-25 through p. 38, lines 1-2; and Fig. 6 and Fig. 7) with each database (680 and/or 780) having a user computer (15) database location, the method including the steps of: (a) providing a menu of available data to be delivered from an automated data delivery system (5) (*see* Specification page 9, line 3) that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify

at least one of the user computer (15) database locations for the data to be delivered; (b) receiving a user's selection of data to be delivered from the automated data delivery system (5) to the users computer (15) based on the menu of available data; (c) receiving a user's selection of at least one set of predetermined data delivery specifications; and (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer (15) based on the at least one set of predetermined data delivery specifications. (*See* Specification p. 9 line 1 through p. 12 line 16 and Fig. 1; *see also* Specification p. 12 line 17 through p. 15 line 2 and Figs. 2-4.)

Independent claim 24 is similar in scope to claim 1, discussed above, except that claim 24 more specifically defines the steps (a), (b) and (c) to be implemented by a "website." More particularly, claim 24 discloses a method for repeatedly delivering data (20) (*see* Specification, page 10, lines 4-8 and Fig. 1) to a users computer (15) having at least two databases (780) with each database (780) having a user computer database location from a website (40) (*see* Specification p. 9, lines 4-26) established on the Internet, the method including the steps of: (a) providing, by the website (40), a menu of available data to be delivered from an automated data delivery system (5) that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer (15) database locations for the data to be delivered; (b) receiving, by the website (40), a user's selection of data to be delivered from the automated data delivery system (5) to the users computer (15) based on the menu of available data; (c) receiving, by the website (40), a user's selection of at least one set of predetermined data delivery specifications including at least one of the user computer (15) database locations for the data to be delivered and terms of payment for the delivery of data (*see* Specification p. 27 lines 4-26 and Fig. 3); (d)

outputting, automatically and repeatedly, the data identified by the user's selection to the users computer (15) based on the at least one set of predetermined data delivery specifications. (See Specification p. 15 line 3 through p. 17 line 2 and Fig. 3; *see also* Figs. 1,3-5 and 7.)

Independent claim 47 is similar in scope to independent claim 1, discussed above, except that claim 47 more specifically defines the steps (a), (b) and (c) to be implemented "electronically." (See Specification p. 9, line 1 through p. 12, line 16 and Fig. 1; p. 10, lines 12-25; p. 12 line 17 through p. 15 line 2 and Fig. 2.) More particularly, claim 47 includes a method for repeatedly delivering data to a users computer (15) having at least two databases (680 and/or 780) with each database (680 and/or 780) having a user computer database location, the method comprising the steps of: (a) providing, electronically, a menu of available data to be delivered from an automated data delivery system (5) that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer (15) database locations for the data to be delivered; (b) receiving, electronically, a user's selection of data to be delivered from the automated data delivery system (5) to the users computer (15) based on the menu of available data; (c) receiving, electronically, a user's selection of at least one set of predetermined data delivery specifications; and (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer (15) based on the at least one set of predetermined data delivery specifications.

Independent claim 70 is similar in scope to independent claim 1, discussed above, except that claim 70 more specifically defines the steps (a), (b) and (c) to be implemented "electronically by a website." (See Specification p. 9, line 1 through p. 12, line 16 and Fig. 1; p. 10, lines 12-25; p. 12 line 17 through p. 15 line 2 and Fig. 2; *see also* Specification, page 10, lines 4-8 and Fig. 1, 3 and

7.) More particularly, Independent claim 70 discloses a method for repeatedly delivering data to a users computer (15) having at least two databases (680 and/or 780) with each database (680 and/or 780) having a user computer (15) database location from a website (40) established on the Internet, the method including the steps of: (a) providing, electronically by the website (40), a menu of available data to be delivered from an automated data delivery system (5) that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer (15) database locations for the data to be delivered; (b) receiving, electronically by the website (40), a user's selection of data to be delivered from the automated data delivery system to the users computer (15) based on the menu of available data; (c) receiving, electronically by the website (40), a user's selection of at least one set of predetermined data delivery specifications including terms of payment for the delivery of data; (d) outputting, electronically, automatically and repeatedly, the data identified by the user's selection to the users computer (15) based on the at least one set of predetermined data delivery specifications. (See Specification pg. 9 lines 1-26 and p. 10 lines 1-8, and Fig. 1,3, 5 and 7; see also p. 15 line 3 through p. 17 line 2 and Figs. 1,3-5 and 7.)

Independent claim 93 is similar in scope to independent claim 1, discussed above, except that claim 93 further recites "at least one of the predetermined specifications for delivering data allows the user to specify the format for the data to be delivered." (See Specification p. 9 line 13-21 and Fig. 1; p. 18, lines 1-26 through p. 19, lines 1-26.) More particularly, claim 93 discloses a method for repeatedly delivering data to a users computer (15) having at least two databases (780 and/or 680) with each database (780 and/or 680) having a user computer (15) database location, the method including the steps of: (a) providing a menu of available data to be delivered from an automated data

delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify the format for the data to be delivered (*see* Specification p. 18, lines 20-23 and p. 23 line 23 through p. 24 line 5) and at least one of the user computer (15) database locations for the data to be delivered; (b) receiving a user's selection of data to be delivered from the automated data delivery system (5) to the users computer (15) based on the menu of available data; (c) receiving a user's selection of at least one set of predetermined data delivery specifications; and (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer (15) based on the at least one set of predetermined data delivery specifications. (*See* Specification p. 9 line 1 through p. 12 line 16 and Fig. 1; *see also* pg. 12 line 17 through p. 15 line 2 and Fig. 2.)

Independent claim 139 is similar in scope to independent claim 1, discussed above, except that claim 139 more specifically further recites "at least one of the predetermined specifications for delivering data allows the user to specify the time for the data to be delivered." (*See* Specification p. 25 lines 7-20 and Figs. 4-5.) More particularly, claim 139 discloses a method for repeatedly delivering data to a users computer (15) having at least two databases (680 and/or 780) with each database (680 and/or 780) having a user computer (15) database location, the method including the steps of: (a) providing a menu of available data to be delivered from an automated data delivery system (5) that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer (15) database locations for the data to be delivered and the time for the data to be delivered (*see* Specification p. 25 lines 7-20); (b) receiving a user's selection of data to be delivered from the automated data delivery system (5) to the users computer



(15) based on the menu of available data; (c) receiving a user's selection of at least one set of predetermined data delivery specifications; and (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer (15) based on the at least one set of predetermined data delivery specifications. (*See* Specification p. 9 line 1 through p. 12 line 16 and Fig. 1; *see also* p. 12 line 17 through p. 15 line 2 and Fig. 2; *see also* p. 20 line 1-23.)

Independent claim 162 is similar in scope to independent claim 1, discussed above, except that claim 162 more specifically defines the term "automated data delivery system" in claim 1, to a "website" (*see* Specification p. 9, lines 13-26); further recites that the website (40) receives "terms of payment for the delivery of data" (*see* Specification p. 26, line 25 through p. 27, line 9); and defines at least one of the predetermined specifications for delivering data to allow the user to specify the time for the data to be delivered. (*See* Specification p. 25 lines 7-20.) More particularly, claim 162 discloses a method for repeatedly delivering data to a users computer (15) having at least two databases (680 and/or 780) with each database (680 and/or 780) having a user computer (15) database location from a website (40) established on the Internet, the method including the steps of: (a) providing, by the website (40), a menu of available data to be delivered from an automated data delivery system (5) that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer (15) database locations for the data to be delivered and the time for the data to be delivered; (b) receiving, by the website (40), a user's selection of data to be delivered from the automated data delivery system (5) to the users computer (15) based on the menu of available data; (c) receiving, by the website (40), a user's selection of at least one set of predetermined data delivery specifications including terms of payment for the

delivery of data; (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer (15) based on the at least one set of predetermined data delivery specifications. (See p. 9 line 1 through p. 12 line 16 and Fig. 1; see also pg. 12 line 17 through p. 15 line 2 and Fig. 2; p. 15 line 3 through p. 17 line 2 and Figs. 1,3-5 and 7; p. 20 lines 1-23; p. 26 line 25 through p. 28 line 7.)

Independent claim 185 is similar in scope to independent claim 1, discussed above, except that claim 185 more specifically defines the "predetermined specifications for delivering data allows the user to specify at least two specifications selected from a group comprising a time for the data to be delivered, a user computer database location of the data to be delivered and the format of the data to be delivered." (See Specification, p. 9, lines 13-21; p. 18 lines 12-15; p. 19 lines 9-16; p. 20 lines 1-12; p. 21 lines 19-26; and Figs. 5 and 7.) More particularly, claim 185 discloses a method for repeatedly delivering data to a users computer (15) having at least two databases (680 and/or 780) with each database (680 and/or 780) having a user computer (15) database location, the method includes the steps of: (a) providing a menu of available data to be delivered from an automated data delivery system (5) that includes a selection list of available predetermined specifications for delivering data automatically wherein the predetermined specifications for delivering data allows the user to specify at least two specifications selected from a group comprising a time for the data to be delivered, a user computer (15) database location of the data to be delivered and the format of the data to be delivered (see Specification p. 18, lines 20-23 and p. 23 line 23 through p. 24 line 5); (b) receiving a user's selection of data to be delivered from the automated data delivery system to the users computer based on the menu of available data; (c) receiving a user's selection of at least one set of predetermined data delivery specifications; and (d) outputting, automatically and

repeatedly, the data identified by the user's selection to the users computer (15) based on the at least one set of predetermined data delivery specifications. (See Specification p. 9 line 1 through p. 12 line 16 and Fig. 1; p. 12 line 17 through p. 15 line 2 and Fig. 2.)

#### **VI. Grounds of Rejection to be Reviewed on Appeal**

In the Office Action mailed April 16, 2008, claims 1-115 and 139-207 were finally rejected. Specifically, claims 1-23, 47-97 and 186-207 were rejected under 35 U.S.C. § 102(e) as being anticipated by Conrad et al., United States Patent No. 6,028,605. Claims 9, 11, 13, 15, 17, 18, 21 and 23 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Conrad et al., United States Patent No. 6,028,605 in view of Louis A. Ollivier, United States Patent No. 6,363,958. Claims 24-46 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Conrad et al., United States Patent No. 6,028,605 in view of William W. Brown, United States Patent No. 6,392,565. Claims 15, 32, 34, 36, 38, 40, 42, 44 and 46 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Conrad et al., United States Patent No. 6,028,605 in view of William W. Brown, United States Patent No. 6,392,565 further in view of Louis A. Ollivier, United States Patent No. 6,363,958. The Examiner also stated that claims 47-69, 70-92, 93-115 and 185-207 have similar limitations as claims 1-23 and are therefore rejected under the same rationale. In addition, the Examiner stated that claims 139-161 and 162-184 have similar limitations as claims 24-46 and are therefore rejected under the same rationale.

A copy of the Conrad et al. reference (U.S. Patent No. 6,028,605), the Brown reference (U.S. Patent No. 6,392,565) and the Ollivier reference (U.S. Patent No. 6,363,958) are attached hereto and marked as Exhibit A, Exhibit B and Exhibit C respectively, for the convenience of the Board.

## VII. ARGUMENT

### A. Claim Rejections under 35 U.S.C. § 102(e) over Conrad et al., (U.S. Patent No. 6,028,605)

In the Office Action mailed April 16, 2008, claims 1-23, 47-97 and 186-207 were rejected under 35 U.S.C. § 102(e) as being anticipated by Conrad et al., United States Patent No. 6,028,605. Applicant believes that the Examiner intended to refer to independent claim 185, instead of dependent claim 186. The Examiner also stated that claims 47-69, 70-92, 93-115, and claims 185-207 were rejected under the same rationale. Applicant respectfully submits that Conrad et al. does not teach or suggest each and every element of Applicant's invention as recited in claims 1-23, 47-97 and 186-207 and claims 47-69, 70-92, 93-115, and 185-207.

#### Claim 1

Applicant's inventive concept resides in a method for delivering data to a specific location within a user's computer. The method provides a menu of available data to be delivered from an automated delivery system. The menu includes predetermined specifications for delivering data. At least one of the predetermined specifications allows the user to specify at least one of the user computer database locations for the data to be delivered. The data identified by the user's selection to the user's computer is then outputted based on the at least one set of predetermined data delivery specifications.

For example, Applicant's independent claim 1 recites the step of:

- (a) providing a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to

specify at least one of the user computer database locations for the data to be delivered

An example of the user computer database location is provided on page 40 of the specification as “user computer database location (e.g., C:\excel2000\...).”

In contrast to Applicant’s invention, Conrad et al. teaches categorizing different types of information through the use of semantic properties by using a graphical user interface. Conrad et al. Abstract. In addition, Conrad et al. teaches methods for querying a database and also methods for displaying the results of the query on a user’s screen. Conrad et al. Abstract. However, Conrad et al. does not teach or suggest, either expressly or inherently a menu having at least one predetermined specification which allows the user to specify a specific database location for the data to be delivered as required by Applicant’s claim 1 and thus each of the claims which depend therefrom. As the Board is aware, “[a] claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference.” MPEP § 2131, citing *Verdegaal Bros. v. Union Oil Co. of Calif.*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987) (emphasis added).

In the Examiner’s remarks in Paragraph 5 of the April 16, 2008, Office Action, support for Conrad et al. teaching step (a) of claim 1 was specified as Col. 10, lines 13-16, and col. 10, lines 25-27. These portions of Conrad et al. are reproduced below for the Board’s convenience.

The text may include boolean operators such as AND, OR, and NOT, and other wildcards and root expanders. A pull-down menu enables modification of the search through the use of semantic properties such as dimension/category of relationship. [col. 10, lines 13-16]

The results window obtains various of types of information from the metadata, and in combination

with a user search query, displays the specific data as one or more panels in the results window. [col. 10, lines 25-27]

While Conrad et al. teaches a pull-down menu that enables modification of a query and teaches that the results of the query are displayed in a results window, Conrad et al. does not teach or suggest, expressly or inherently a menu having at least one predetermined specification which allows the user to specify a specific database location for the data to be delivered.

Applicant's claim 1 also recites the step of:

- (c) receiving a user's selection of at least one set of predetermined data delivery specifications

In the Examiner's remarks in Paragraph 5 of the Office Action, support for Conrad et al. teaching step (c) of claim 1 was specified as Col. 10, lines 25-35. In column 10, lines 25-35, Conrad et al. teaches that the specific information retrieved using the metadata in combination with a user's query is displayed as "one or more panels in the results window" as shown in Fig. 21. Thus, Conrad et al. does not allow the user to specify at least one of the user computer database locations for the data to be delivered, but rather displays the results of a user's metadata query "on screen in a results sidebar" (col. 10, lines 49-50). Further, Col. 10, lines 25-35 does not teach or suggest receiving a user's selection of predetermined data delivery specifications. In fact, there does not appear to be any type of predetermined data delivery specifications even discussed in lines 25-35.

Applicant's claim 1 also recites the step of:

- (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications.

In the Examiner's remarks in Paragraph 5 of the Office Action, support for Conrad et al. teaching step (d) of claim 1 was specified as Col. 10, lines 48-60. However, Column 10 lines 48-60 appear to teach the updating of information under headings in real-time as the user selects documents. Lines 48-60 do not teach or suggest the step of outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications as required by Applicant's claim 1, and thus each of the claims which depend therefrom.

#### **Claim 47**

Independent claim 47 is similar in scope to independent claim 1, discussed above, except that claim 47 more specifically defines the steps (A), (B) and (C) to be implemented "electronically." Thus the differences between the inventive concept of claim 1 and the Conrad et al. reference are equally applicable to the inventive concept of claim 47, and thus each of the claims which depend therefrom.

#### **Claim 70**

Independent claim 70 is similar in scope to independent claim 1, discussed above, except that claim 70 more specifically:

- (1) defines the term "automated data delivery system" in claim 1, to a "website";
- (2) further recites that the website receives "terms of payment for the delivery of data"; and
- (3) defines the steps (a), (b), (c) and (d) to occur electronically.

Thus, the differences between the inventive concept of claim 1 and the Conrad reference are equally applicable to the inventive concept of claim 70 and thus each of the claims which depend therefrom. Further, the Conrad reference does not teach the step of "receiving, by the website, a user's selection

of at least one set of predetermined data delivery specifications including terms of payment for the delivery of data.

#### **Claim 93**

Independent claim 93 is similar in scope to independent claim 1, discussed above, except that claim 93 further recites “at least one of the predetermined specifications for delivering data allows the user to specify the format for the data to be delivered.” Thus, the differences between the inventive concept of claim 1 and the Conrad reference are equally applicable to the inventive concept of claim 93 and thus each of the claims which depend therefrom. Further, the Conrad reference does not teach “at least one of the predetermined specifications for delivering data allows the user to specify the format for the data to be delivered.”

#### **Claim 185**

Independent claim 185 is similar in scope to independent claim 1, discussed above, except that claim 185 more specifically defines the “predetermined specifications for delivering data allows the user to specify at least two specifications selected from a group comprising a time for the data to be delivered, a user computer database location of the data to be delivered and the format of the data to be delivered.” Thus, the differences between the inventive concept of claim 1 and the Conrad reference are equally applicable to the inventive concept of claim 185 and thus each of the claims which depend therefrom.

Further, the Conrad reference does not teach: “at least two specifications selected from a group comprising a time for the data to be delivered, a user computer database location of the data to be delivered and the format of the data to be delivered.”

In view of the above, Applicant submits that claims 1-23, 47-115 and 185-207 are not



anticipated by Conrad et al. within the meaning of 35 U.S.C. § 102(e). Therefore, Applicant respectfully requests reconsideration and withdrawal of the rejections of claims 1-23, 47-115 and 185-207.

**B. Claim Rejections under 35 U.S.C. § 103(a) over Conrad et al.,  
(U.S. Patent No. 6,028,605) in view of Louis A. Ollivier.,  
(U.S. Patent No. 6,363,958)**

In the Office Action mailed April 16, 2008, the Examiner rejected dependent claims 9, 11, 13, 15, 17, 18, 21, and 23 under 35 U.S.C. § 103(a) as being unpatentable over Conrad et al. in view of Louis A. Ollivier U.S. Patent No. 6,363,958. Applicant respectfully submits that dependent claims 9, 11, 13, 15, 17, 18, 21 and 23 are not obvious in view of Conrad et al. and Ollivier.

“To reach a proper determination under 35 U.S.C. 103, the examiner must step backward in time and into the shoes worn by the hypothetical ‘person of ordinary skill in the art’ when the invention was unknown and just before it was made. In view of all factual information, the examiner must then make a determination whether the claimed invention ‘as a whole’ would have been obvious at that time to that person.” MPEP § 2142. Further, the Supreme Court in *KSR International Co. v. Teleflex Inc.*, 550 U.S. 398; 127 S. Ct. 1727, 1741 (2007) held that “[r]ejections on obviousness grounds cannot be sustained by mere conclusory statements; instead there must be some articulated reasoning with some rational underpinning to support the legal conclusion of obviousness.” *See also* MPEP § 2142.

Examples of articulated reasoning sufficient to support a conclusion of obviousness include: (A) Combining prior art elements according to known methods to yield predictable results; (B) Simple substitution of one known element for another to obtain predictable results; (C) Use of known techniques to improve similar devices (methods, or products) in the same way; (D) Applying

a known technique to a known device (method, or product) ready for improvement to yield predictable results; (E) ‘Obvious to try’ - choosing from a finite number of identified, predictable solutions, with a reasonable expectation of success; (F) Known work in one field of endeavor may prompt variations of it for use in either the same field or a different one based on design incentives or other market forces if the variations are predictable to one of ordinary skill in the art; (G) Some teaching, suggestion, or motivation in the prior art that would have led one of ordinary skill to modify the prior art reference or to combine prior art reference teachings to arrive at the claimed invention. *See* MPEP § 2142. None of these rationales support the Examiner’s rejection of dependent claims 9, 11, 13, 15, 17, 18, 21 and 23 under 35 U.S.C. § 103(a) in view of Conrad et al. and Ollivier.

As previously discussed, Applicant’s inventive concept resides in a method for delivering data to a user’s computer. The method provides a menu of available data to be delivered from an automated delivery system. The menu includes predetermined specifications for delivering data. At least one of the predetermined specifications “allows the user to specify at least one of the user computer database locations for the data to be delivered.” *See* Applicant’s claim 1 (emphasis added). The data identified by the user’s selection to the user’s computer is then outputted “automatically and repeatedly” “based on the at least one set of predetermined data delivery specifications.” Applicant’s claim 1 (emphasis added). As described on p. 9, lines 19-26 through p. 10, lines 1-4, of Applicant’s specification:

“[a]t least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered. The application program 30 and/or the website/network 40 receives a user’s selection of data

to be delivered from the application program 30 or the website/network 40 to the users computer 15 based on the menu of available data, and a user's selection of at least one set of predetermined data delivery specifications. The application program 30 or the website/network 40 outputs, automatically and repeatedly, the data identified by the user's selection to the users computer 15 based on the at least one set of predetermined data delivery specifications."

Conrad et al. teaches categorizing different types of information through the use of semantic properties by using a graphical user interface. *See* Conrad et al. Abstract. Conrad et al. also teaches methods for querying a database and methods for displaying the results of the query on a user's screen. Conrad et al. Abstract. However, Conrad et al. does not teach or even suggest specifying a specific database location on the user's computer to deliver data or delivering the data identified by a user's selection automatically and repeatedly to the user's computer based on the at least one set of predetermined data delivery specifications as required by Applicant's independent claim 1 and dependent claims 9, 11, 13, 15, 17, 18, 21 and 23 .

For example, in column 10, lines 24-30, Conrad et al. teaches that the specific information retrieved using the metadata in combination with a user's query is displayed as "one or more panels in the results window" as shown in Fig. 21. Therefore, Conrad et al. does not allow the user to specify at least one of the user computer database locations for the data to be delivered but rather displays the results of a user's metadata query "on screen in a results sidebar" (col. 10, lines 49-50). Thus, Conrad et al. merely describes a search engine which displays the results of the search in one or more panels in the results window of a users computer. Therefore, it would not have been obvious to include the step of "providing a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined

specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered.” See Applicant’s claim 1 (emphasis added). Nor would it have been obvious to include the step of “outputting, automatically and repeatedly, the data identified by the user’s selection to the users computer based on the at least one set of predetermined data delivery specifications” as required by Applicant’s claim 1 (emphasis added).

Ollivier does not teach or suggest the deficiencies of Conrad et al. discussed above. Ollivier teaches a method for controlling the batchwise delivery of process gas for semiconductor manufacturing using a flow control system. Ollivier Abstract. As noted by the Examiner, the flow control system is used to provide a flow setting, read the actual value of the flow delivered, start and stop a delivery phase and select flow verification at each delivery or periodically. See Ollivier, Column 9, lines 32-38. Ollivier does not teach or suggest the step of “providing a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered” (emphasis added) and does not teach or suggest the step of “outputting, automatically and repeatedly, the data identified by the user’s selection to the users computer based on the at least one set of predetermined data delivery specifications” (emphasis added) as required by Applicant’s independent claim 1 and thus dependent claims 9, 11, 13, 15, 17, 18, 21 and 23.

Further, combining the system of categorizing data in Conrad et al. with the flow control verification system of Ollivier would not have been obvious to one of skill in the art, at the time of

Applicant's invention. For example, combining the flow control system of Ollivier with the search engine disclosed by Conrad et al. would not have yielded predictable results or functioned in the same way as Applicant's Automated Data Delivery System because neither Conrad et al. nor Ollivier permit, teach or even suggest the step of "providing a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered" (emphasis added) or the step of "outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications" as required by Applicant's claim 1.

Moreover, it would not have been obvious to try to combine these references with any reasonable expectation of success because the flow control verification system of Ollivier is not in the same field of endeavor as Conrad et al. or Applicant's claims. A reference in a field different from that of Applicant's endeavor "may be reasonably pertinent if it is one which, because of the material with which it deals, logically would have commended itself to an inventor's attention in considering his or her invention as a whole." MPEP § 2141.01(a). The flow control verification system for controlling batchwise delivery of process gas for semiconductor manufacturing as disclosed in Ollivier does not involve the type of material which would have logically commended itself to the inventor's attention in considering the inventor's automated data delivery system as a whole. In addition, and as discussed above, there is no teaching, suggestion, or motivation in the prior art, at the time of Applicant's invention, that would have led one of ordinary skill to modify the prior art reference or to combine prior art reference teachings to arrive at the claimed invention.

In view of the above, Applicant submits that dependent claims 9, 11, 13, 15, 17, 18, 21, and 23 are not obvious over Conrad et al. in view of Ollivier within the meaning of 35 U.S.C. § 103(a). In light of the foregoing, Applicant respectfully requests reconsideration and withdrawal of the rejections of dependent claims 9, 11, 13, 15, 17, 18, 21, and 23 under 35 U.S.C. § 103(a).

**C. Claim Rejections under 35 U.S.C. § 103(a) over Conrad et al.,  
U.S. Patent No. 6,028,605 in view of William W. Brown,  
U.S. Patent No. 6,392,565**

In the Office Action mailed April 16, 2008, the Examiner rejected claims 24-46 under 35 U.S.C. § 103(a) as being unpatentable over Conrad et al. in view of William W. Brown, U.S. Patent No. 6,392,565. The Examiner also rejected claims 139-161, and 162-184, stating that claims 139-161, and 162-184 have similar limitations as claims 24-46 and are therefore rejected under the same rationale. Applicant respectfully submits that claims 24-46 and claims 139-161, and 162-184 are not obvious in view of Conrad et al. and Brown.

“To reach a proper determination under 35 U.S.C. 103, the examiner must step backward in time and into the shoes worn by the hypothetical ‘person of ordinary skill in the art’ when the invention was unknown and just before it was made. In view of all factual information, the examiner must then make a determination whether the claimed invention ‘as a whole’ would have been obvious at that time to that person.” MPEP § 2142. Further, the Supreme Court in *KSR International Co. v. Teleflex Inc.*, 550 U.S. 398; 127 S. Ct. 1727, 1741 (2007) held that “[r]ejections on obviousness grounds cannot be sustained by mere conclusory statements; instead there must be some articulated reasoning with some rational underpinning to support the legal conclusion of obviousness.” *See also* MPEP § 2142.

Examples of articulated reasoning sufficient to support a conclusion of obviousness include:

(A) Combining prior art elements according to known methods to yield predictable results; (B) Simple substitution of one known element for another to obtain predictable results; (C) Use of known techniques to improve similar devices (methods, or products) in the same way; (D) Applying a known technique to a known device (method, or product) ready for improvement to yield predictable results; (E) ‘Obvious to try’ - choosing from a finite number of identified, predictable solutions, with a reasonable expectation of success; (F) Known work in one field of endeavor may prompt variations of it for use in either the same field or a different one based on design incentives or other market forces if the variations are predictable to one of ordinary skill in the art; (G) Some teaching, suggestion, or motivation in the prior art that would have led one of ordinary skill to modify the prior art reference or to combine prior art reference teachings to arrive at the claimed invention. *See* MPEP § 2142. None of these rationales support the Examiner’s rejection of claims 24-46, claims 139-161, and claims 162-184 under 35 U.S.C. 103(a) in view of Conrad et al. and Brown.

#### **Claim 24**

Independent claim 24 is similar in scope to independent claim 1 discussed above, except that claim 24 more specifically defines the term “automated data delivery system” in claim 1, to a “website”, and further recites that the website receives “terms of payment for the delivery of data.” Thus, the differences discussed above between the inventive concept of claim 1 and the Conrad et al. reference are equally applicable to the inventive concept of claim 24 and the Conrad et al. reference. Moreover, Conrad et al. in view of Brown do not teach or suggest the step of “providing, by the website, a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically

wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered ” or the step of “outputting, automatically and repeatedly, the data identified by the user’s selection to the users computer based on the at least one set of predetermined data delivery specifications” as recited in Applicant’s claim 24. Further, Conrad et al. in view of Brown do not teach or suggest the step of “receiving, by the website, a user’s selection of at least one set of predetermined data delivery specifications including at least one of the user computer database locations for the data to be delivered and terms of payment for the delivery of data” as required by Applicant’s claim 24 (emphasis added).

In contrast to Applicant’s Automated Data Delivery System, Brown teaches a computerized system for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal. Brown Abstract. A location unit is carried by the vehicle and calculates the location of the vehicle at any given time and transmits a low power digital location data packet having location data. Brown Abstract. A computer program has instructions embodied in computer readable code on the web host and receives a tracking request from a subscriber and transmits a tracking call to the location unit. Brown Abstract. The low power digital location data packet is transmitted from the location unit and represents the current position of the vehicle. Brown Abstract.

In rejecting Applicant’s claim 24, the Examiner stated that Conrad et al. does not explicitly disclose at least one of the user computer database locations for the data to be delivered and terms of payment of the delivery of data as required by Applicant’s claim 24. April 16, 2008, Office Action, Paragraph 24. The Examiner then stated that Brown disclosed at least one of the user computer database locations for the data to be delivered and terms of payment of the delivery of data



in Column 4, lines 1-17. *See* April 16, 2008, Office Action, Paragraph 25. Column 4, lines 1-17 of Brown teach in part that “[e]ach subscriber has a connection 18 to the internet allowing access to the web host. . . . The web host can then transmit and receive data from automobile location unit 12 through cellular network 22 allowing for location unit 12 to send location data to web host B.” Nowhere in Column 4 lines 1-17 does Brown teach or suggest the step of “receiving, by the website, a user’s selection of at least one set of predetermined data delivery specifications including at least one of the user computer database locations for the data to be delivered and terms of payment for the delivery of data” as required by Applicant’s claim 24. In contrast, Brown teaches that the specific information retrieved is displayed at the users terminal. *See* Column 7 lines 5-39. Thus, Brown does not allow the user to specify at least one of the user computer database locations for the data to be delivered but rather displays the specific information at the users terminal.

Therefore, combining the system of categorizing data in Conrad et al. with the computerized system for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal of Brown would not have been obvious to one of skill in the art, at the time of the invention. Combining the computerized system for deterring the theft of a vehicle with the search engine disclosed by Conrad et al. would not have yielded predictable results or functioned in the same way as Applicant’s Automated Data Delivery System because neither Conrad et al. nor Brown permit, teach or even suggest the step of “providing, by the website, a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered” or the step of “receiving, by the website, a user’s selection of

at least one set of predetermined data delivery specifications including at least one of the user computer database locations for the data to be delivered and terms of payment for the delivery of data” or the step of “outputting, automatically and repeatedly, the data identified by the user’s selection to the users computer based on the at least one set of predetermined data delivery specifications.”

Moreover, it would not have been obvious to try to combine these references with any reasonable expectation of success because the the computerized system for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal of Brown is not in the same field of endeavor as Applicant’s claims. A reference in a field different from that of Applicant’s endeavor “may be reasonably pertinent if it is one which, because of the material with which it deals, logically would have commended itself to an inventor’s attention in considering his or her invention as a whole.” MPEP § 2141.01(a). The system of Brown for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal does not involve the type of material which would have logically commended itself to the inventor’s attention in considering the inventor’s automated data delivery system as a whole. In addition, there is no teaching, suggestion, or motivation in the prior art, at the time of Applicant’s invention, that would have led one of ordinary skill to modify the prior art reference or to combine prior art reference teachings to arrive at the claimed invention.

#### **Claim 139**

Independent claim 139 is similar in scope to independent claim 1, discussed above, except that claim 139 more specifically further recites “at least one of the predetermined specifications for

delivering data allows the user to specify the time for the data to be delivered.” Thus, the differences discussed above between the inventive concept of claim 1 and the Conrad et al. reference are equally applicable to the inventive concept of claim 139 and the Conrad et al. reference. Further, the differences discussed above regarding the inventive concept of claim 24 and the Conrad et al. reference in view of Brown, are equally applicable to the inventive concept of claim 139. In particular, the Conrad et al. reference in view of Brown do not teach “at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered and the time for the data to be delivered.”

#### **Claim 162**

Independent claim 162 is similar in scope to independent claim 1, discussed above, except that claim 162 more specifically:

- (1) defines the term “automated data delivery system” in claim 1, to a “website”;
- (2) further recites that the website receives “terms of payment for the delivery of data”; and
- (3) defines at least one of the predetermined specifications for delivering data to allow the user to specify the time for the data to be delivered.

Thus, the differences discussed above between the inventive concept of claim 1 and the Conrad et al. reference are equally applicable to the inventive concept of claim 162 and the Conrad et al. reference. Further, the differences discussed above regarding the inventive concept of claim 24 and the Conrad et al. reference in view of Brown, are equally applicable to the inventive concept of claim 162. In particular, the Conrad et al. reference in view of Brown discussed above, do not teach the step of “receiving, by the website, a user’s selection of at least one set of predetermined data delivery specifications including terms of payment for the delivery of data”, or “at least one of

the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered and the time for the data to be delivered.”

In view of the above, Applicant submits that claims 24-46 and claims 139-161, and 162-184 are not obvious over Conrad et al. in view of Brown within the meaning of 35 U.S.C. § 103(a). In light of the foregoing, Applicant respectfully requests reconsideration and withdrawal of the rejections of claims 24-46 and claims 139-161, and 162-184 under 35 U.S.C. § 103(a).

**D. Claim Rejections under 35 U.S.C. § 103(a) over Conrad et al., (U.S. Patent No. 6,028,605) in view of Brown, (U.S. Patent No. 6,392,565) further in view of Louis A. Ollivier., (U.S. Patent No. 6,363,958)**

In the Office Action mailed April 16, 2008, the Examiner rejected claims 15, 32, 34, 36, 38, 40, 42, 44, and 46 under 35 U.S.C. § 103(a) as being unpatentable over Conrad et al. (U.S. Patent No. 6,028, 605) in view of Brown (U.S. Patent No. 6,392,565) further in view of Louis A. Ollivier (U.S. Patent No. 6,363,958). Applicant respectfully submits that claims 15, 32, 34, 36, 38, 40, 42, 44, and 46 are not obvious in view of Conrad et al., Brown and Ollivier.

“To reach a proper determination under 35 U.S.C. 103, the examiner must step backward in time and into the shoes worn by the hypothetical ‘person of ordinary skill in the art’ when the invention was unknown and just before it was made. In view of all factual information, the examiner must then make a determination whether the claimed invention ‘as a whole’ would have been obvious at that time to that person.” MPEP § 2142. Further, the Supreme Court in *KSR International Co. v. Teleflex Inc.*, 550 U.S. 398; 127 S. Ct. 1727, 1741 (2007) held that “[r]ejections on obviousness grounds cannot be sustained by mere conclusory statements; instead there must be some articulated reasoning with some rational underpinning to support the legal conclusion of obviousness.” *See also* MPEP § 2142.

Examples of explicit rationales sufficient to support a conclusion of obviousness include: (A) Combining prior art elements according to known methods to yield predictable results; (B) Simple substitution of one known element for another to obtain predictable results; (C) Use of known techniques to improve similar devices (methods, or products) in the same way; (D) Applying a known technique to a known device (method, or product) ready for improvement to yield predictable results; (E) ‘Obvious to try’ - choosing from a finite number of identified, predictable solutions, with a reasonable expectation of success; (F) Known work in one field of endeavor may prompt variations of it for use in either the same field or a different one based on design incentives or other market forces if the variations are predictable to one of ordinary skill in the art; (G) Some teaching, suggestion, or motivation in the prior art that would have led one of ordinary skill to modify the prior art reference or to combine prior art reference teachings to arrive at the claimed invention. *See* MPEP § 2142. None of these rationales support the Examiner’s rejection of claims 15, 32, 34, 36, 38, 40, 42, 44, and 46 under 35 U.S.C. 103(a) in view of Conrad et al., Brown and Ollivier.

As previously discussed, Applicant’s inventive concept resides in a method for delivering data to a user’s computer. The method provides a menu of available data to be delivered from an automated delivery system. The menu includes predetermined specifications for delivering data. At least one of the predetermined specifications allows the user to specify at least one of the user computer database locations for the data to be delivered. *See* Applicant’s claim 1. The data identified by the user’s selection to the user’s computer is then outputted based on the at least one set of predetermined data delivery specifications. Applicant’s claim 1.

Claims 15, 32, 34, 36, 38, 40, 42, 44, and 46 are similar in scope to claim 1 discussed above, except that claims 15, 32, 34, 36, 38, 40, 42, 44, and 46 add the additional limitation of checking,

automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered. Thus, the differences discussed above between the inventive concept of claim 1 and 24, in view of the Conrad et al. reference, the Ollivier reference and the Brown reference are equally applicable to claims 15, 32, 34, 36, 38, 40, 42, 44, and 46.

As previously discussed, Brown does not supply all of the deficiencies of Conrad et al. Brown teaches a computerized system for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal. Brown Abstract. A location unit is carried by the vehicle and calculates the location of the vehicle at any given time and transmits a low power digital location data packet having location data. Brown Abstract. A computer program has instructions embodied in computer readable code on the web host and receives a tracking request from a subscriber and transmits a tracking call to the location unit. Brown Abstract. The low power digital location data packet is transmitted from the location unit and represents the current position of the vehicle. Brown Abstract.

Brown does not teach or suggest specifying a specific database location on the user's computer to deliver data or delivering the data identified by a user's selection to the user's computer based on the at least one set of predetermined data delivery specifications. In contrast, Column 4 lines 1-17 of Brown teaches in part that "[e]ach subscriber has a connection 18 to the internet allowing access to the web host. . . . The web host can then transmit and receive data from automobile location unit 12 through cellular network 22 allowing for location unit 12 to send location data to web host B." Nowhere in Column 4 lines 1-17 does Brown teach or suggest the step of "receiving, by the website, a user's selection of at least one set of predetermined data delivery

specifications including at least one of the user computer database locations for the data to be delivered". Brown teaches that the specific information retrieved is displayed at the users terminal. See Column 7 lines 5-39. "The subscriber receives the datagram and a display of the global position of the automobile is created at the subscriber's terminal." Column 7 lines 25-27. Thus, Brown does not allow the user to specify at least one of the user computer database locations for the data to be delivered but rather displays the specific information at the users terminal.

Therefore, combining the system of categorizing data in Conrad et al. with the computerized system for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal of Brown would not have been obvious to one of skill in the art, at the time of the invention. Combining the computerized system for deterring the theft of a vehicle with the search engine disclosed by Conrad et al. would not have yielded predictable results or functioned in the same way as Applicant's claims because neither Conrad et al. nor Brown permit, teach or even suggest the step of "providing, by the website, a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered" or the step of "receiving, by the website, a user's selection of at least one set of predetermined data delivery specifications including at least one of the user computer database locations for the data to be delivered and terms of payment for the delivery of data" or the step of "outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications."

Moreover, it would not have been obvious to try to combine these references with any reasonable expectation of success because the the computerized system for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal of Brown is not in the same field of endeavor as Applicant's claims. A reference in a field different from that of Applicant's endeavor "may be reasonably pertinent if it is one which, because of the material with which it deals, logically would have commended itself to an inventor's attention in considering his or her invention as a whole." MPEP § 2141.01(a). The system for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal of Brown does not involve the type of material which would have logically commended itself to the inventor's attention in considering the inventor's automated data delivery system as a whole. In addition, there is no teaching, suggestion, or motivation in the prior art, at the time of Applicant's invention, that would have led one of ordinary skill to modify the prior art reference or to combine prior art reference teachings to arrive at the claimed invention.

Ollivier does not supply all the deficiencies of Conrad et al., and Brown discussed above. Ollivier teaches a method for controlling the batchwise delivery of process gas for semiconductor manufacturing using a flow control system. *See* Ollivier Abstract. As noted by the Examiner, the flow control system is used to provide a flow setting, read the actual value of the flow delivered, start and stop a delivery phase and select flow verification at each delivery or periodically. *See* Ollivier, Column 9 lines 32-38. However, Ollivier does not teach or suggest the step of requiring a user to specify at least one of the user computer database locations for the data to be delivered or delivering the data to the specified location as required by Applicant's claim 1 and dependent claims 9, 11, 13, 15, 17, 18, 21 and 23.



Further, combining the system of categorizing data in Conrad et al., with the flow control verification system of Ollivier and with the computerized system for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal of Brown, would not have been obvious to one of skill in the art, at the time of the invention. Combining the flow control system of Ollivier with the computerized system for deterring the theft of a vehicle of Brown, with the search engine disclosed by Conrad et al. would not have yielded predictable results or functioned in the same way as Applicant's claims because neither Conrad et al., Brown, nor Ollivier teach or even suggest the steps of "providing a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered" (emphasis added) or teach or suggest the step of "outputting, automatically and repeatedly, the data identified by the user's selection to the user's computer based on the at least one set of predetermined data delivery specifications" as required by Applicant's claim 1.

Moreover, it would not have been obvious to try to combine these references with any reasonable expectation of success because Applicant's claims are not in the same field of endeavor as the flow control verification system of Ollivier or the computerized system for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal disclosed by Brown. A reference in a field different from that of Applicant's endeavor "may be reasonably pertinent if it is one which, because of the material with which it deals, logically would have commended itself to an inventor's attention in considering his or her invention as a whole." MPEP § 2141.01(a). The flow control verification system for controlling batchwise delivery of process gas for semiconductor

manufacturing as disclosed in Ollivier nor the the computerized system for deterring the theft of a vehicle wherein a system subscriber maintains a remote computer terminal of Brown would have been obvious to one of skill in the art, at the time of the invention because such inventions do not involve the type of material which would have logically commended itself to the inventor's attention in considering the inventor's automated data delivery system as a whole. In addition, there is no teaching, suggestion, or motivation in the prior art, at the time of Applicant's invention, that would have led one of ordinary skill to modify the prior art references or to combine prior art reference teachings to arrive at the claimed invention.

In view of the above, Applicant submits that claims 15, 32, 34, 36, 38, 40, 42, 44, and 46 are not obvious over Conrad et al. in view of Brown and further in view of Ollivier within the meaning of 35 U.S.C. § 103(a). In light of the foregoing, Applicant respectfully requests reconsideration and withdrawal of the rejections of claims 15, 32, 34, 36, 38, 40, 42, 44 and 46 under 35 U.S.C. § 103(a).

### CONCLUSION

Applicant respectfully requests reconsideration and withdrawal of the Examiner's rejections of pending claims 1-115 and 139-207 and submits that pending claims 1-115 and 139-207 are in a condition for allowance.

Respectfully submitted,



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## **Claims Appendix**

1. A method for repeatedly delivering data to a users computer having at least two databases with each database having a user computer database location, the method comprising the steps of:

- (a) providing a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered;
- (b) receiving a user's selection of data to be delivered from the automated data delivery system to the users computer based on the menu of available data;
- (c) receiving a user's selection of at least one set of predetermined data delivery specifications; and
- (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications.

2. The method of claim 1, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and

checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

3. The method of claim 2, wherein the automated data delivery system is remote from the users computer.
4. The method of claim 3, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into a browser program.
5. The method of claim 4, wherein at least one of the predetermined data delivery specifications checked by the automatic data reception and verification program is a password.
6. The method of claim 2, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into an application program.

7. The method of claim 1, wherein step (a) is further defined as providing the menu of available data automatically to the users computer upon receipt of a user's selection of an automated data delivery application program icon.

8. The method of claim 7, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

9. The method of claim 8, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

10. The method of claim 1, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

11. The method of claim 10, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and

checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

12. The method of claim 1, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

13. The method of claim 12, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

14. The method of claim 1, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

15. The method of claim 14, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and

checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

16. The method of claim 1, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

17. The method of claim 16, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

18. The method of claim 16, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

19. The method of claim 18, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications  
with an automatic data reception and verification program each time data is  
delivered.

20. The method of claim 18, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

21. The method of claim 20, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications  
with an automatic data reception and verification program each time data is  
delivered.

22. The method of claim 20, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

23. The method of claim 22, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and



checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

24. A method for repeatedly delivering data to a users computer having at least two databases with each database having a user computer database location from a website established on the Internet, the method comprising the steps of:

- (a) providing, by the website, a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered;
- (b) receiving, by the website, a user's selection of data to be delivered from the automated data delivery system to the users computer based on the menu of available data;
- (c) receiving, by the website, a user's selection of at least one set of predetermined data delivery specifications including at least one of the user computer database locations for the data to be delivered and terms of payment for the delivery of data;

- (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications.
25. The method of claim 24, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.
26. The method of claim 25, wherein the automated data delivery system is remote from the users computer.
27. The method of claim 26, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into a browser program.
28. The method of claim 27, wherein at least one of the predetermined data delivery specifications checked by the automatic data reception and verification program is a password.
29. The method of claim 25, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification

program, the automatic data reception and verification program is incorporated into an application program.

30. The method of claim 24, wherein step (a) is further defined as providing the menu of available data automatically to the users computer upon receipt of a user's selection of an automated data delivery application program icon.

31. The method of claim 30, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

32. The method of claim 31, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and

checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

33. The method of claim 24, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

34. The method of claim 33, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.
35. The method of claim 24, wherein step (d) is defined further as outputting, automatically and  
repeatedly, the data identified by the user's selection at specified times selected by the user and  
identified by the at least one set of predetermined data delivery specifications.
36. The method of claim 35, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.
37. The method of claim 24, wherein step (d) is defined further as outputting, automatically and  
repeatedly, the data identified by the user's selection via a communication protocol specified by the  
user and identified by the at least one set of predetermined data delivery specifications.
38. The method of claim 37, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

39. The method of claim 24, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

40. The method of claim 35, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

41. The method of claim 35, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

42. The method of claim 41, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

43. The method of claim 41, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

44. The method of claim 43, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

45. The method of claim 43, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

46. The method of claim 45, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

47. A method for repeatedly delivering data to a users computer having at least two databases with each database having a user computer database location, the method comprising the steps of:

(a) providing, electronically, a menu of available data to be delivered from an automated  
data delivery system that includes a selection list of available predetermined

specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered;

- (b) receiving, electronically, a user's selection of data to be delivered from the automated data delivery system to the users computer based on the menu of available data;
- (c) receiving, electronically, a user's selection of at least one set of predetermined data delivery specifications; and
- (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications.

48. The method of claim 47, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

49. The method of claim 48, wherein the automated data delivery system is remote from the users computer.

50. The method of claim 49, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification

program, the automatic data reception and verification program is incorporated into a browser program.

51. The method of claim 50, wherein at least one of the predetermined data delivery specifications checked by the automatic data reception and verification program is a password.

52. The method of claim 48, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into an application program.

53. The method of claim 47, wherein step (a) is further defined as providing the menu of available data automatically to the users computer upon receipt of a user's selection of an automated data delivery application program icon.

54. The method of claim 53, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.



55. The method of claim 54, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.
56. The method of claim 47, wherein step (d) is defined further as outputting, automatically and  
repeatedly, the data identified by the user's selection to a data base location on the users computer  
and identified by the at least one set of predetermined data delivery specifications.
57. The method of claim 56, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.
58. The method of claim 47, wherein step (d) is defined further as outputting, automatically and  
repeatedly, the data identified by the user's selection at specified times selected by the user and  
identified by the at least one set of predetermined data delivery specifications.
59. The method of claim 58, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

60. The method of claim 47, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

61. The method of claim 60, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

62. The method of claim 47, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

63. The method of claim 62, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

64. The method of claim 62, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

65. The method of claim 64, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

66. The method of claim 64, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

67. The method of claim 66, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

68. The method of claim 66, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

69. The method of claim 68, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

70. A method for repeatedly delivering data to a users computer having at least two databases with each database having a user computer database location from a website established on the Internet, the method comprising the steps of:

- (a) providing, electronically by the website, a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered;
- (b) receiving, electronically by the website, a user's selection of data to be delivered from the automated data delivery system to the users computer based on the menu of available data;
- (c) receiving, electronically by the website, a user's selection of at least one set of predetermined data delivery specifications including terms of payment for the delivery of data;
- (d) outputting, electronically, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications.

71. The method of claim 70, further comprising the steps of:
- receiving, by the user's computer, the data identified by the user's selection; and
- checking, automatically, at least one of the predetermined data delivery specifications with
- an automatic data reception and verification program each time data is delivered.
72. The method of claim 71, wherein the automated data delivery system is remote from the users computer.
73. The method of claim 72, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into a browser program.
74. The method of claim 73, wherein at least one of the predetermined data delivery specifications checked by the automatic data reception and verification program is a password.
75. The method of claim 71, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into an application program.

76. The method of claim 70, wherein step (a) is further defined as providing the menu of available data automatically to the users computer upon receipt of a user's selection of an automated data delivery application program icon.

77. The method of claim 76, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

78. The method of claim 77, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

79. The method of claim 70, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

80. The method of claim 79, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and

checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

81. The method of claim 70, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

82. The method of claim 81, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

83. The method of claim 70, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

84. The method of claim 83, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an  
automatic data reception and verification program each time data is delivered.

85. The method of claim 70, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

86. The method of claim 81, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

87. The method of claim 81, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

88. The method of claim 87, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.



89. The method of claim 87, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

90. The method of claim 89, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

91. The method of claim 89, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

92. The method of claim 91, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

93. A method for repeatedly delivering data to a users computer having at least two databases with each database having a user computer database location, the method comprising the steps of:

- (a) providing a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for

- delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify the format for the data to be delivered and at least one of the user computer database locations for the data to be delivered;
- (b) receiving a user's selection of data to be delivered from the automated data delivery system to the users computer based on the menu of available data;
  - (c) receiving a user's selection of at least one set of predetermined data delivery specifications; and
  - (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications.

94. The method of claim 93, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

95. The method of claim 94, wherein the automated data delivery system is remote from the users computer.

96. The method of claim 95, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification

program, the automatic data reception and verification program is incorporated into a browser program.

97. The method of claim 96, wherein at least one of the predetermined data delivery specifications checked by the automatic data reception and verification program is a password.

98. The method of claim 94, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into an application program.

99. The method of claim 93, wherein step (a) is further defined as providing the menu of available data automatically to the users computer upon receipt of a user's selection of an automated data delivery application program icon.

100. The method of claim 99, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

101. The method of claim 100, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.
102. The method of claim 10, wherein step (d) is defined further as outputting, automatically and  
repeatedly, the data identified by the user's selection to a data base location on the users computer  
and identified by the at least one set of predetermined data delivery specifications.
103. The method of claim 102, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an  
automatic data reception and verification program each time data is delivered.
104. The method of claim 93, wherein step (d) is defined further as outputting, automatically and  
repeatedly, the data identified by the user's selection at specified times selected by the user and  
identified by the at least one set of predetermined data delivery specifications.
105. The method of claim 104, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an  
automatic data reception and verification program each time data is delivered.

106. The method of claim 93, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

107. The method of claim 106, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

108. The method of claim 93, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

109. The method of claim 108, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

110. The method of claim 108, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

111. The method of claim 110, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

112. The method of claim 110, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

113. The method of claim 112, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

114. The method of claim 112, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

115. The method of claim 114, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

116-138, cancelled without prejudice to refiling.

139. A method for repeatedly delivering data to a users computer having at least two databases  
with each database having a user computer database location, the method comprising the steps of:

- (a) providing a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered and the time for the data to be delivered;
- (b) receiving a user's selection of data to be delivered from the automated data delivery system to the users computer based on the menu of available data;
- (c) receiving a user's selection of at least one set of predetermined data delivery specifications; and
- (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications.

140. The method of claim 139, further comprising the steps of:
- receiving, by the user's computer, the data identified by the user's selection; and
- checking, automatically, at least one of the predetermined data delivery specifications with
- an automatic data reception and verification program each time data is delivered.
141. The method of claim 140, wherein the automated data delivery system is remote from the users computer.
142. The method of claim 141, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into a browser program.
143. The method of claim 142, wherein at least one of the predetermined data delivery specifications checked by the automatic data reception and verification program is a password.
144. The method of claim 140, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into an application program.



145. The method of claim 139, wherein step (a) is further defined as providing the menu of available data automatically to the users computer upon receipt of a user's selection of an automated data delivery application program icon.

146. The method of claim 145, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

147. The method of claim 146, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

148. The method of claim 139, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

149. The method of claim 148, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and

checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

150. The method of claim 139, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

151. The method of claim 150, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

152. The method of claim 139, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

153. The method of claim 152, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

154. The method of claim 139, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

155. The method of claim 154, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

156. The method of claim 154, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

157. The method of claim 156, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

158. The method of claim 156, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

159. The method of claim 158, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

160. The method of claim 158, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

161. The method of claim 160, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an  
automatic data reception and verification program each time data is delivered.

162. A method for repeatedly delivering data to a users computer having at least two databases with each database having a user computer database location from a website established on the Internet, the method comprising the steps of:

- (a) providing, by the website, a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein at least one of the predetermined specifications for delivering data allows the user to specify at least one of the user computer database locations for the data to be delivered and the time for the data to be delivered;
- (b) receiving, by the website, a user's selection of data to be delivered from the automated data delivery system to the users computer based on the menu of available data;
- (c) receiving, by the website, a user's selection of at least one set of predetermined data delivery specifications including terms of payment for the delivery of data;
- (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications.

163. The method of claim 162, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and

checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

164. The method of claim 163, wherein the automated data delivery system is remote from the users computer.

165. The method of claim 164, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification

program, the automatic data reception and verification program is incorporated into a browser program.

166. The method of claim 165, wherein at least one of the predetermined data delivery specifications checked by the automatic data reception and verification program is a password.

167. The method of claim 163, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into an application program.

168. The method of claim 162, wherein step (a) is further defined as providing the menu of available data automatically to the users computer upon receipt of a user's selection of an automated data delivery application program icon.

169. The method of claim 168, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

170. The method of claim 169, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an  
automatic data reception and verification program each time data is delivered.

171. The method of claim 162, wherein step (d) is defined further as outputting, automatically and  
repeatedly, the data identified by the user's selection to a data base location on the users computer  
and identified by the at least one set of predetermined data delivery specifications.

172. The method of claim 171, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

173. The method of claim 162, wherein step (d) is defined further as outputting, automatically and  
repeatedly, the data identified by the user's selection at specified times selected by the user and  
identified by the at least one set of predetermined data delivery specifications.

174. The method of claim 173, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

175. The method of claim 162, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

176. The method of claim 175, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

177. The method of claim 162, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

178. The method of claim 173, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.



179. The method of claim 173, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

180. The method of claim 179, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

181. The method of claim 179, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

182. The method of claim 181, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

183. The method of claim 181, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

184. The method of claim 183, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with an  
automatic data reception and verification program each time data is delivered.

185. A method for repeatedly delivering data to a users computer having at least two databases  
with each database having a user computer database location, the method comprising the steps of:

- (a) providing a menu of available data to be delivered from an automated data delivery system that includes a selection list of available predetermined specifications for delivering data automatically wherein the predetermined specifications for delivering data allows the user to specify at least two specifications selected from a group comprising a time for the data to be delivered, a user computer database location of the data to be delivered and the format of the data to be delivered;
- (b) receiving a user's selection of data to be delivered from the automated data delivery system to the users computer based on the menu of available data;
- (c) receiving a user's selection of at least one set of predetermined data delivery specifications; and
- (d) outputting, automatically and repeatedly, the data identified by the user's selection to the users computer based on the at least one set of predetermined data delivery specifications.

186. The method of claim 185, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and checking, automatically, at least one of the predetermined data delivery specifications with an automatic data reception and verification program each time data is delivered.

187. The method of claim 186, wherein the automated data delivery system is remote from the users computer.

188. The method of claim 187, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into a browser program.

189. The method of claim 188, wherein at least one of the predetermined data delivery specifications checked by the automatic data reception and verification program is a password.

190. The method of claim 186, wherein in the step of checking, automatically, at least one of the predetermined data delivery specifications with the automatic data reception and verification program, the automatic data reception and verification program is incorporated into an application program.

191. The method of claim 185, wherein step (a) is further defined as providing the menu of available data automatically to the users computer upon receipt of a user's selection of an automated data delivery application program icon.

192. The method of claim 191, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

193. The method of claim 192, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

194. The method of claim 185, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

195. The method of claim 194, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and

checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

196. The method of claim 185, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

197. The method of claim 196, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

198. The method of claim 185, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

199. The method of claim 198, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

200. The method of claim 185, wherein step (c) is further defined as providing a menu of predetermined data delivery specifications including at least two different data formats for delivering the data to the users computer and receiving the user's selection of at least one set of predetermined data delivery specifications including at least one of the data formats and wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection in the data format included in the predetermined data delivery specifications.

201. The method of claim 200, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

202. The method of claim 200, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection to a data base location on the users computer and identified by the at least one set of predetermined data delivery specifications.

203. The method of claim 202, further comprising the steps of:  
receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

204. The method of claim 202, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection at specified times selected by the user and identified by the at least one set of predetermined data delivery specifications.

205. The method of claim 204, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

206. The method of claim 204, wherein step (d) is defined further as outputting, automatically and repeatedly, the data identified by the user's selection via a communication protocol specified by the user and identified by the at least one set of predetermined data delivery specifications.

207. The method of claim 206, further comprising the steps of:

receiving, by the user's computer, the data identified by the user's selection; and  
checking, automatically, at least one of the predetermined data delivery specifications with  
an automatic data reception and verification program each time data is delivered.

208-230, cancelled without prejudice to refiling.

### **Evidence Appendix**

A copy of the Conrad et al. reference (U.S. Patent No. 6,028,605), the Ollivier reference (U.S. Patent No. 6,363,958), and the Brown reference (U.S. Patent No. 6,392,565) are attached hereto and marked as Exhibit A, Exhibit B and Exhibit C respectively, for the convenience of the Board.

Exhibits A (Conrad) and B (Ollivier) were entered into the record by the Examiner on January 1, 2004, in the Examiner's first office action. Exhibit C (Brown) was entered into the record on April 16, 2008, in response to Applicant's amendment filed March 20, 2008.



### **Related Proceedings Appendix**

None.